IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent	Application of							
FELTER	•	Atty. Ref.:	2380-776					
Serial No.	to be assigned	Group:	unknown					
Filed:	November 20, 2003	Examiner:	unknown					
	ULTI-DIMENSIONAL COMBINED PATH D CHANNEL-ESTIMATOR * * * * * * * *	-SEARCHER						
P. O. Box 1	oner for Patents		• .					
Sir:	INFORMATION DISCLOSURE	STATEMEN	r					
	INFORMATION DISCLOSURE	STATEMEN	<u>.</u>					
□ 1.	PTO-1449 Pursuant to 37 CFR 1.97(b) [within 3 months of filing or prior to 1st Office]	ce Action]	N/C					
<u> </u>	Statement Pursuant to 37 CFR 1.97(c) [before Final Office Action or Allowance]		<i>N/C</i>					
3.	Fee Payment Pursuant to 37 CFR 1.97(c) [before Final Office Action or Allowance] \$180.00							
<u> </u>	Pursuant to 37 CFR 1.97(d) [before Issue Fee payment]		\$180.00					
The	following are submitted in the above-identified	d application in	compliance with 37					
C.F.R. §§ 1.	.97 and 1.98:							
⊠ 5.	A list of documents on Form PTO-1449 together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith.							
	a) The partial translations were provided to the undersigned by the applicants' foreign representative. The undersigned has no knowledge regarding the pertinency of the partially translated portions vis-á-vis the document as a whole. The partial translations are merely provided for whatever convenience they may be.							

This paper is submitted in accordance with:

FELTER
Serial No. to be assigned

\boxtimes	6.	37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]				
	7.	37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and				
		a) The required Statement made in item 9 below; or				
		b) The \$180.00 fee specified in 37 CFR \$1.17(p) for submission of this Information Disclosure Statement is authorized in item 10 below.				
	8.	37 CFR §1.97(d): [before issue fee payment]; and				
		a) The fee (\$180.00) required by 37 CFR §1.17(p) is submitted herewith; and				
		b) The required Statement is stated in item 9 below.				
	9.	Statement under 37 CFR 1.97(e)				
		a) The undersigned attorney of record hereby certifies under 37 C.F.R. §1.97(e) that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement (each item contained in this IDS was the first citation of that item by a foreign patent office in a counterpart foreign application which occurred no more than three months prior to the filing of this IDS); or				
		b) No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement, after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.				
\boxtimes	10.	Please charge all deficiency fees associated with the submission of this Information Disclosure Statement and any other fees applicable to this application to Deposit Account No. 14-1140. An original and one (1) copy of this document are enclosed.				
		Respectfully submitted,				
		NIXON & VANDERHYE P.C.				
November 20, 2003 B		By: Mulling There Burnam, Jr.				
HWB	:lsh	Reg. No. 29,366				
Arling Telep	gton, \ hone:	Glebe Road, 8th Floor VA 22201-4714 (703) 816-4000 (703) 816-4100				

INFORMATION DISCLOSURE CITATION		ATTY. DOCKET NO. S		SERIAL NO.	SERIAL NO.					
		2380-776		to be assigned						
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(Use	several sheets if necessary)	FILING		GROUP						
		Nove	mber 20, 2003	unknown						
_			J.S. PATENT DOCUMENTS	dikilowii	 		-			
*EXAMINER						FILING				
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	entitled "Spatio-Tempo	oral Joint Se	earcher And Channel Estimators"							
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Examiner	_		Date Considered	4 T						
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	reference considered, whether or with next communication to applica		conformance with MPEP 609; Draw line throug	h citation if not in confo	rmance and not	considered.	Include			
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